

ABSTRACT

A print head for a pagewidth printer includes a substrate that defines a plurality of ink inlet channels. A plurality of nozzle arrangements is positioned on the substrate. The nozzle arrangements are in fluid communication with the ink inlet channels and are the product of an integrated circuit fabrication process. The nozzle arrangements define a pattern which is the result of carrying out successive replications of one nozzle arrangement with predetermined rotations and multipliers on a reference grid.